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				Application Number	
				Filing Date	
				First Named Inventor	Charles D. Murphy
				Group Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	

[illegible][illegible]

Examiner Signature	<i>David Lugo</i>	Date Considered	1/7/05
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Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DL		E. SERPEDIN + G.B. GEANNAKIS, "Blind Channel Identification with Modulation-Induced Cyclostationarity" IEEE Trans. on Signal Processing, Vol. 46, No. 7, pp. 1930-1944, July 1998.
DL		G.B. GEANNAKIS, "Filterbanks for Blind Channel Identification and Equalization," IEEE Signal Processing Letters, Vol. 4, No. 6, pp. 184-187, June 1997
DL		MK TSATSANIS + GB GEANNAKIS, "Transmitter Induced Cyclostationarity for Blind Channel Equalization," IEEE Trans. on Signal Processing, Vol. 45, No. 7, pp. 1785-1799, July 1997.
DL		D. NAFZINGER and C. NEIKENS, "Blind Equalization Based on Higher-Order Statistics (HOS)" in Blind Deconvolution, ed. S. Haykin, Englewood Cliffs: PTR Prentice Hall 1994.
DL		L. TUNG, G. XU, and T. KATLATH, "Blind Identification and Equalization Based on Second-Order Statistics: A Time Domain Approach" IEEE Trans. on Information Theory, Vol. 40, No. 2, pp. 340-349, March 1994
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DL		A. FURUSKAR, S. MAZUR, F. MULLER, and H. OLOFSSON, "EDGE: Enhanced Data Rates for GSM and TDMA/ISD Evolution", IEEE Personal Communications, Vol. 6, No. 3, pp. 56-66, June 1999
DL		D. BOSS, K.D. KRAMER, and T.P. PETERMANN, "Is Blind Channel Estimation Feasible in Mobile Communication Systems? A Study Based on GSM," IEEE Journal on Selected Areas in Communications, Vol. 16, No. 8, pp. 1479-1492, October 1998.
DL		J.G. PROAKIS, "Digital Communications," New York: McGraw Hill, 1995
DL		R.L. FREEMAN, "Telecommunications Transmission Handbook," 4th edition, New York: John Wiley & Sons, 1998.
DL		W.A. GARDNER (Editor) "Cyclostationarity in Communications and Signal Processing," New York: IEEE Press, 1994.

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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DL		OF BENDAT, "Nonlinear System Analysis and Identification from Random Data" New York: John Wiley & Sons, 1990.	
DL		Y. SATO, "A Method of Self-Recovering Equalization for Multilevel Amplitude Modulation Systems," IEEE Trans. on Communications, Vol. COM-23, pp. 679-682, June 1975.	
DL		D.N. GODARD, "Self-Recovering Equalization and Carrier Tracking in Two Dimensional Data Communication Systems," IEEE Trans. on Communications, Vol. COM-28, pp. 1761-1875 November 1980	
DL		JR TREICHLER & BG AGEE, "A New Approach to Multipath Correction of Constant-Modulus Signals," IEEE Trans. on Acoustics, Speech, & Signal Processing, Vol. 31, No 2, pp. 459-471, April 1983.	
DL		J. GOMES & V. BARROSO, "Using an RBF Network for Blind Equalization: Design and Performance Evaluation," Proceedings of ECASP 1997, pp. 3285-3288.	
DL		STHEO BORDIS, CFN COWAN, CP CALLENDER, and CMS SIEG, "Schemes for Equalization of Communication Channels with Nonlinear Impairments," IEEE Proceedings on Communications, Vol 142, No 3, pp. 165-171, June 1995.	
DL		A.M. SALEH, "Frequency Independent and Frequency Dependent Nonlinear Models of TWT Amplifiers," IEEE Trans. on Communications, Vol. COM-29, pp. 1715-1720, December November 1981.	
DL		D. DAPARI, V. TRALLI, and A. VACCARE, "A Novel Low Complexity Technique to Reduce Nonlinear Distortion Effects in OFDM Systems," Proceedings of IEEE PIMAC 1998, September 1998.	

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